Weekly Metrics for February 29 – March 6, 2004

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest	GES DAAC	0.9	1x Baseline	1.0	A
		Archive	GES DAAC	0.9	1x Baseline	1.0	A
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	35	V
		L1 Prod	NSIDC	115	1x Baseline	1	V
		L2-3 Prod	NSIDC	43	1x Baseline	0.2	V
		Archive	NSIDC	199		36	V
		Distribution	NSIDC				
		End Users		166	Various	1	
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	97	
		L1 Prod	GES DAAC	807	Various	778	T
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	163	T
		Archive	GES DAAC	1,012	Various	1,038	T
		Distribution	GES DAAC				
		Production				220	
		End users		471	Various	191	G
		Data Pool				656	U
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	9	Various	7	B
		L2-L3 Prod	GHRC	38	2.03x Baseline	22	C
		Archive	NSIDC	67	Baseline	36	C
		Distribution	NSIDC				
		Production				6	
		End Users		35	1.015x Baseline	48	G
		Data Pool				29	U
	CERES	Archive	ASDC	169	Various	Included	
		Distribution	ASDC			In	See
		Testing/QA		1,421	IT Requirements	Terra	Footnote T
		End Users		109	1.015x Baseline	CERES	
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	525	
		L1 Prod	GES DAAC	5,047	Various	10,084	
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	10,748	H, W
		Archive	LP DAAC	3,516	Various	8,964	H
			GES DAAC	8,015	Various	12,003	H, W
			NSIDC	426	Various	390	H
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	7	
		End User		2,345	1.015x Baseline	135	G
		Data Pool				0.6	
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	1,719	
		Production				10,479	
		End Users		4,157	1.015x Baseline	385	G
		Data Pool				506	U
		Distribution	NSIDC				
		End User		284	1.015x Baseline	0	G
		Data Pool				0.1	U
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0	F
		Distribution	ASDC				
		Production				1	
		End Users		0.02	1.015x Baseline	0.3	
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D

	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	168	
		L1B Ingest	LP DAAC	271	1.015x Baseline	36	
		L1B Archive	LP DAAC	271	1.015x Baseline	148	
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	428	
		Archive	LP DAAC	2,173	Various	745	
		Distribution	LP DAAC				
		Production				268	
		End Users		1,221	1.015x Baseline	369	G, N
		Data Pool				0.6	
	CERES	Archive	ASDC	357	Various	No	T
		Distribution	ASDC			Info	T
		Testing/QA		1,421	IT Requirements	Is	T
		End Users		119	1.015x Baseline	Available	T
	MISR	L0 Ingest	ASDC	249	1x Baseline	157	F
		L1 Prod	ASDC	3,359	Various	402	F
		L2-L3 Prod	ASDC	285	3.045x Baseline	35	F
		Archive	ASDC	3,894	Various	493	F
		Distribution	ASDC				
		Testing/QA		137	IT Requirements	244	
		Production				809	
		End Users		1,215	1.015x Baseline	1,031	G, N
		Data Pool				0.2	U
Terra	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	508	
(12/99)		L1 Prod	GES DAAC	7,570	Various	2,547	M
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	2,221	H, M, P, W
		Archive	LP DAAC	7,034	Various (L2-L4)	1,776	H, M, P
			GES DAAC	12,990	Various (L0-L4)	3,492	H, M, P, W
			NSIDC	853	Various (L2-L3)	12	H, M, P
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
		End Users		2,345	1.015x Baseline	3,996	G, N
		Data Pool				0.8	U
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	442	
		Production				2,288	
		End users		4,157	1.015x Baseline	1,679	G, N
		Data Pool				214	U
		Distribution	NSIDC				
		End Users		284	1.015x Baseline	125	G, N
		Data Pool				0.2	U
	MOPITT	L0 Ingest	ASDC	2	1x Baseline	1	F
		L1 Prod	SIPS	2	Various	0	F
		L2 Prod	SIPS	2	3.045x Baseline	0	F
		Archive	ASDC	6	Various	0.4	F
		Distribution	ASDC				
		Production				2	
		End Users		1	1.015x Baseline	8	G, N
		Data Pool				0.3	U
Landsat-7	ETM+	Archive	LP DAAC	1,092	250 Scenes	942	Q
(4/99)		Distribution	LP DAAC	58	ECS ICD	785	
ADEOS-II	SeaWinds	Archive (L0+)	PO DAAC			0	
(12/02)		Distribution	PO DAAC			1	O
Jason-1	Poseidon 2	Archive (L0+)	PO DAAC			8	
(12/01)		Distribution	PO DAAC	NA	NA	12	J
QuikScat	SeaWinds	Archive (L0+)	PO DAAC			0	
(6/99)		Distribution	PO DAAC	109	Weekly Average	172	J
TOPEX	Poseidon	Archive (L1+)	PO DAAC			0	
(8/92)		Distribution	PO DAAC	24	Weekly Average	22	J

Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	30 56	K

Notes:

A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet. Level 0 volume includes current and past data.
B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process.
C. Production of L2 and L3 products resumed on September 3, 2003.
D. Data from this instrument is not transmitted to DAAC daily.
E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
F. Ingest and archive data for LaRC are incomplete. No archival data are available for March 2-6. EDGRS team is looking into the problem.
G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
H. Ingest/archival of MODIS L2+ products is dependent on MODAPS processing schedule.
I. Did not receive any L1 or L2 products from MOPITT SIPS.
J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
K. Includes distribution of educational materials.
L. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
M. Very little reprocessing of MODIS products was done.
N. Does not include distribution by data pool.
O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
P. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
Q. Landsat-7 scan line corrector (SLC) failed on May 31, 2003 and subsequently Landsat-7 ETM+ was shut down. In mid July US stations resumed data collection with the SLC off. The Landsat 7 ETM+ data became available to the public as of October 22, 2003.
R. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
S. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
T. No information is available.
U. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
V. GLAS Laser remains off since November 19, 2003.
W. Does not include the MODIS ocean color products processed at SeaDAS (SeaWIFS Data Analysis System).

** Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1st year after launch	2nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.